

## SEQUENCE LISTING

<110> Elizabeth J. Ackermann  
 C. Frank Bennett  
 Hong Zhang  
 Andrew T. Watt  
 William Ricketts  
 Nicholas M. Dean

<120> ANTISENSE MODULATION OF FLIP-C EXPRESSION

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 Met Ala Gln Ser Pro Val Ser Ala Glu Val Ile His  
 1 5 10  
 cag gtg gaa gag tgt ctt gat gaa gac gag aag gag atg atg ctc ttc 158  
 Gln Val Glu Glu Cys Leu Asp Glu Asp Glu Lys Glu Met Met Leu Phe  
 15 20 25

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gct gaa ttg ctc tac aga gtg agg cgg ttt gac ctt ctc aag agg atc Ala Glu Leu Leu Tyr Arg Val Arg Arg Phe Asp Leu Leu Lys Arg Ile 65 70 75	302
ttg aag aca gac aaa gca acc gtg gag gac cac ctg cgc aga aac cct Leu Lys Thr Asp Lys Ala Thr Val Glu Asp His Leu Arg Arg Asn Pro 80 85 90	350
cac ctg gtt tct gat tat agg gtc ctg ctg atg gag att ggt gag agc His Leu Val Ser Asp Tyr Arg Val Leu Leu Met Glu Ile Gly Glu Ser 95 100 105	398
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gcttccctag tctaagagta gg atg tct gct gaa gtc atc cat cag gtt gaa      412
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gaa gca ctt gat aca gat gag aag gag atg ctg ctc ttt ttg tgc cgg      460
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Asp Val Ala Ile Asp Val Val Pro Pro Asn Val Arg Asp Leu Leu Asp
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att tta cgg gaa aga ggt aag ctg tct gtc ggg gac ttg gct gaa ctg      556
Ile Leu Arg Glu Arg Gly Lys Leu Ser Val Gly Asp Leu Ala Glu Leu
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ctc tac aga gtg agg cga ttt gac ctg ctc aaa cgt atc ttg aag atg      604
Leu Tyr Arg Val Arg Arg Phe Asp Leu Leu Lys Arg Ile Leu Lys Met
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Asp Arg Lys Ala Val Glu Thr His Leu Leu Arg Asn Pro His Leu Val
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Ser Asp Tyr Arg Val Leu Met Ala Glu Ile Gly Glu Asp Leu Asp Lys
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 Thr Val Glu Asp His Leu Arg Arg Asn Pro His Leu Val Ser Asp Tyr  
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Asn Leu Ile Ala Ser Asp Gln Leu Asn Leu Leu Glu Lys Cys Leu Lys	
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Pro Lys Leu Ser Ile Lys Tyr Asn Ser Arg Leu Gln Asn Gly Arg Ser	
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Lys Glu Pro Arg Phe Val Glu Tyr Arg Asp Ser Gln Arg Thr Leu Val	
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Lys Thr Ser Ile Gln Glu Ser Gly Ala Phe Leu Pro Pro His Ile Arg	
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Ile Asp Cys Ile Gly Asn Asp Thr Lys Tyr Leu Gln Glu Thr Phe Thr	
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Ser Leu Gly Tyr His Ile Gln Leu Phe Leu Phe Pro Lys Ser His Asp	
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cac ctg gtt tct gat tat agg gtc ctg ctg atg gag att ggt gag agc      398
His Leu Val Ser Asp Tyr Arg Val Leu Leu Met Glu Ile Gly Glu Ser
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tta gat cag aac gat gta tcc tcc tta gtt ttc ctt aca agg att aca      446
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Asp Leu Val Ile Glu Leu Glu Lys Leu Asn Leu Ile Ala Ser Asp Gln
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<210> 82  
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<400> 82  
gaggtagaag gaaacaactt 20

<210> 83  
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<210> 84  
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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were cultured in YEA medium for 24 h at 28 °C. The cell concentration of the strains was adjusted to 1.0 × 10<sup>8</sup> cells/ml. The cell suspension was then diluted with distilled water to obtain the concentrations of 1.0 × 10<sup>7</sup>, 1.0 × 10<sup>6</sup>, 1.0 × 10<sup>5</sup>, 1.0 × 10<sup>4</sup>, 1.0 × 10<sup>3</sup>, 1.0 × 10<sup>2</sup>, and 1.0 × 10<sup>1</sup> cells/ml. The cell suspension was then inoculated into the plant tissue. The transformation efficiency was determined by the number of transformants per 100 mg of plant tissue. The data were presented as the mean ± SD of three independent experiments.

<400> 93  
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<210> 94  
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20

<210> 105  
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<210> 106  
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<210> 107  
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20

<210> 108  
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<400> 108  
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